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EFS ID: 50748
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DAMAGED INTERVERTEBRAL
DISCS
First Named Inventor: Lewis Sharps
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**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	METHODS FOR REPAIRING DAMAGED INTERVERTEBRAL DISCS	
Application Number: 10/613115 Date: 2003-07-03 First Named Applicant: Lewis Sharps		
Confirmation Number: 4213 Attorney Docket Number:		
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Submitted by:	Elec. Sign.	Sign. Capacity
Richard Batt Registered Number: 43485	RRB	Attorney
Documents being submitted us-ids		Files S-9-6-Spine-usidst.xml us-ids.dtd us-ids.xsl
Comments part 5 of 5		



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4658817</td><td>1987-04-21</td><td>Hardy</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4896671</td><td>1990-01-30</td><td>Cunningham et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4958539</td><td>1990-09-25</td><td>Stasz et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4976709</td><td>1990-12-11</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5137530</td><td>1992-08-11</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5201729</td><td>1993-04-13</td><td>Hertzmann et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5230334</td><td>1993-07-27</td><td>Klopotek</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5318564</td><td>1994-06-07</td><td>Eggers</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5374265</td><td>1994-12-20</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5403311</td><td>1995-04-04</td><td>Abele et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>5433739</td><td>1995-07-18</td><td>Sluijter et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>5439446</td><td>1995-08-08</td><td>Barry</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4658817	1987-04-21	Hardy					2	4896671	1990-01-30	Cunningham et al.					3	4958539	1990-09-25	Stasz et al.					4	4976709	1990-12-11	Sand					5	5137530	1992-08-11	Sand					6	5201729	1993-04-13	Hertzmann et al.					7	5230334	1993-07-27	Klopotek					8	5318564	1994-06-07	Eggers					9	5374265	1994-12-20	Sand					10	5403311	1995-04-04	Abele et al.					11	5433739	1995-07-18	Sluijter et al.					12	5439446	1995-08-08	Barry			
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	13	5458596	1995-10-17	Lax et al.
	14	5542945	1996-08-06	Fritzsich
	15	5562703	1996-08-08	Desai
	16	5660836	1997-08-26	Knowlton
	17	5720744	1998-02-24	Eggleston et al.
	18	5846196	1998-12-08	Siekmeyer et al.
	19	5860951	1999-01-19	Eggers et al.
	20	5954716	1999-09-21	Sharkey et al.
	21	5980504	1999-11-09	Sharkey et al.
	22	6007570	1999-12-28	Sharkey et al.
	23	6073051	2000-06-06	Sharkey et al.
	24	5823955	1998-10-20	Kuck et al.
	25	6319250	2001-11-20	Falwell et al.
	26	6261311	2001-07-17	Sharkey et al.
	27	6575968	2003-06-10	Eggers et al.
	28	4269174	1981-05-26	Adair
	29	4483338	1984-11-20	Bloom et al.
	30	5626576	1997-05-06	Janssen
	31	5785705	1998-07-28	Baker
	32	5823955	1998-10-20	Kuck et al.
	33	5916214	1999-06-29	Cosio et al.
	34	6096036	2000-08-01	Bowe et al.
	35	6105581	2000-08-22	Eggers et al.
	36	6122549	2000-09-19	Sharkey et al.
	37	6258086	2001-07-10	Ashley et al.
	38	6283961	2001-09-04	Underwood et al.
	39	6319250	2001-11-20	Falwell et al.
	40	6500173	2002-12-31	Underwood et al.
	41	4582057	1986-04-15	Auth et al.

Remarks

Not : Remarks are not for responding to an office action.

This submission is part 5 of 5 parts each submitted on November 17, 2003. This IDS is being filed before the mailing date of the first Office Action on the merits. Accordingly, Applicants believe that no fee is necessary. Thank you.

Signature

Examiner Name	Date